

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/088874 A3

(51) International Patent Classification⁷: **H04Q 7/38**,
H04M 15/00, H04L 12/28

(21) International Application Number:
PCT/IB2004/050224

(22) International Filing Date: 10 March 2004 (10.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03109021.4 1 April 2003 (01.04.2003) CN

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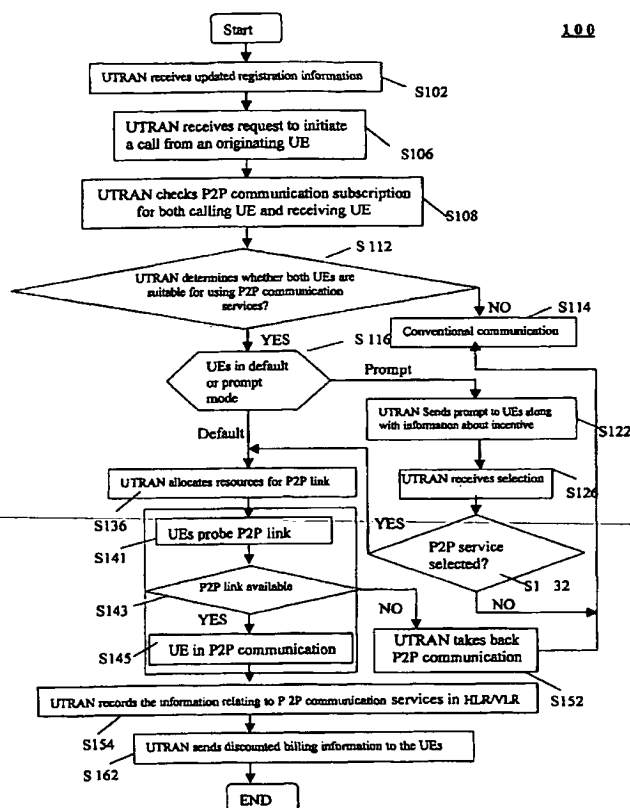
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR PEER-TO-PEER COMMUNICATION MANAGEMENT IN WIRELESS COMMUNICATION NETWORKS



(57) Abstract: The present invention provides a wireless communication system capable of managing peer-to-peer (P2P) communications. In one embodiment of the invention, upon receiving a request for initiating a call, the system determines whether P2P communication can be established between the two mobile terminals. The system also determines an operating mode of the two mobile terminals for P2P communication. If the P2P communication can be established between the two mobile terminals and both mobile terminals are in a default mode for P2P communication, the system establishes P2P communication between the two mobile terminals. On the other hand, if any one of the mobile terminals is in a prompt mode, the system sends a prompt to the mobile terminal in the prompt mode, along with information about incentives for using P2P communication services. If the user of the mobile terminal in the prompt mode selects the P2P communication services, the system allocates resources for setting up a P2P link between the two mobile terminals. After the P2P communication is completed, the system sends discounted billing information to the mobile terminals.



TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,

TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

- *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:

19 May 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050224

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38 H04M15/00 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04M H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 336 070 A (MOTOROLA LTD) 6 October 1999 (1999-10-06) page 3, line 4 - line 9 page 4, line 26 - page 6, line 31 page 8, line 34 - page 9, line 20 page 11, line 15 - line 30 page 13, line 20 - line 22	1-20
X	WO 01/15387 A (NOKIA CORP ; NOKIA INC (US)) 1 March 2001 (2001-03-01) page 8, line 23 - page 11, line 8; claim 1; figures 3,4	1-20
A	EP 0 526 118 A (MOTOROLA, INC; MOTOROLA INC) 3 February 1993 (1993-02-03) abstract	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

22 March 2005

Date of mailing of the international search report

06/04/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/050224

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